

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Hurricane Sandy - Polrep/Sitrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

Subject: SITREP #42
Operations Continue
Hurricane Sandy

Edison, NJ
Latitude: 40.4494047 Longitude: -74.4379073

To: Michael Hoppe, USEPA Region 02, ERRD-RPB

Thru: REOC Regional Incident Coordinator
Eric Mosher

REOC Deputy Regional Incident Coordinators,
Christopher Jimenez (NJ)
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Bonnie Hriczko (NY)
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From: REOC Situation Unit Leader,
Lance Richman

Date: 12/14/2012

Reporting Period: 0700 hrs 12/12/12 through 1900 hrs 12/14/12

Executive Summary

In New Jersey, EPA has been providing support to the Passaic Valley Sewerage Commission (PVSC) in Essex County (power washing) and that support will be ending today.

Four (4) EPA teams continued conducting reconnaissance and recovery of HHW and orphaned containers in Brooklyn, Staten Island, Queens, and out on Long Island, all in New York State. The teams continue to recover containers of various sizes containing HHW, 55 gallon tanks and drums (both metal and polyethylene) and propane tanks of varying sizes. EPA boat operations were completed on the 13Dec.

The Jacob Riis Park (Queens), Fresh Kills (Staten Island) and Babylon (Suffolk) staging area continued to receive HHW. The off-site shipment of HHW from Fresh Kills is now scheduled for Monday (17Dec) upon approval from the Waste Technologies Industries, Inc., facility in Ohio. The Babylon pad (staging area) will suspend operations today.

Debris Issues: -

USACE continues to collect 3,000+ cubic yards of debris daily.

NY DEC was sent the Air Curtain (incineration) variance for wood / vegetative debris on December 9, 2010; the DEC does not expect to rule on the variance until at the earliest next week. NYC is not going to be issuing any variance to burn wood chips, only large un-chipped vegetative debris.

NYC Department of Buildings provided numbers for Staten Island; approximately 96 homes will be demolished and removed. For homes to be demolished, USACE will handle that work as well as property debris removal. EPA will collect and dispose of any HHW.

Beginning December 14, 2012 Situation Reports will be generated every Friday.

The total number of containers of hazardous materials collected in NY and NJ to date is 115,034

1. Introduction

1.1 Background

Site Number:		Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	Stafford Act	Response Type:	Emergency
Response Lead:	FEMA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/29/2012	Start Date:	10/29/2012
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	

1.1.1 Incident Category

Hurricane Disaster Response

1.1.2 Site Description

1.1.2.1 Location

Ten counties were originally declared eligible for Public Assistance in New Jersey: Atlantic, Cape May, Essex, Hudson, Middlesex, Monmouth, Ocean, Somerset, Bergen, and Union. On November 5, 2012 FEMA declared the remaining New Jersey counties eligible for public assistance: Cumberland, Salem, Gloucester, Camden, Burlington, Mercer, Hunterdon, Warren, Morris, Sussex, and Passaic.

Nine counties have been declared as eligible for Public Assistance in New York State: Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester, and Suffolk. On November 14, 2012 FEMA declared an additional 4 counties eligible for Individual and Public Assistance: Orange, Putnam, Sullivan, and Ulster.

1.1.2.2 Description of Threat

Releases of oil and chemicals as a direct result of high winds and flooding. Damage to facilities located within the impacted area have the potential to transport containers, waste, and process equipment that may contain hazardous materials. High winds from hurricane Sandy have caused transformer poles to fall and substations to catch fire and cause additional hazards throughout communities. Storm surges along the coast line and inner waterways have moved sand, sediments, and sludge into residential and business properties. Several coastal communities have reported widespread devastation.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Preliminary Removal Assessments and Site Inspections were not formally conducted at all EPA sites. Project managers took numerous steps at Superfund Sites in efforts to prepare for Hurricane Sandy. Damage assessments at Removal and Remedial Sites were conducted by RPMs, OSCs, and other agency personnel. Any issues at sites as a result of Hurricane Sandy have been resolved.

1.2 Incident Objectives

- 1) The health and safety of our responders is the highest priority. Develop HASPs and safety messages as necessary for applicable operations.
- 2) Ensure health and safety of the public by conducting environmental assessments, controlling hazards, and operating in accordance with the approved site safety and quality assurance sampling plans.
- 3) Rapidly control, contain and mitigate all sources of pollution threatening or **impacting public health and the environment, to include the navigable waterways.**
- 4) Manage a coordinated response effort with local, state, federal and industry partners and ensure adherence to policies, practices and plans of each. Assure that all stakeholders are informed of response activities and enhance proactive media and community outreach programs.
- 5) Manage a financial system that ensures accurate, efficient and effective accounting of **resources continually** monitor ESF #10 funds and adjust operations as needed.
- 6) Remove household hazardous waste and hazardous debris from impacted communities, to include the orphaned and hazardous containers, in close coordination with affected stakeholders. Properly characterize and **appropriately dispose** of all **hazardous waste** in an efficient and effective manner.
- 7) Plan and execute an efficient transition from emergency (response) to project management (recovery) operations.

1.3 Critical Resource Needs

Critical Needs to maintain operational status and projected operational goals are being coordinated through the Resource Unit Leader. EPA is working closely with local, state, and federal partners to coordinate critical needs of facilities that have been impacted. Liaison Officers in the FEMA JFOs continue to coordinate with other ESF partners on addressing needs.

1.4 Strategic Considerations

- 1) Develop work products, deliver necessary briefings, and arrange field oversight to ensure the health and safety of responders.
- 2) Ensure staffing adjustments meet current operational needs.
- 3) Provide direct work and/or technical support to collect HHW.
- 4) Provide technical assistance to local and State governments on debris removal, including options to maximize recycling and composting.
- 5) Coordinate efforts with States to identify needs and resolve issues.
- 6) The PVSC and MUCA waste water facility responses are a high priority.
- 7) Assure timely and accurate data management to enhance the operational function of the ESF #10 response effort with a high emphasis on drinking water and waste water reporting.
- 8) Accurately document ESF #10 response actions and ensure it is captured in appropriate official repositories.
- 9) Support the regional and national public affairs needs to provide effective messaging.

2. Current Activities

2.1 Operations Section

DIVISION NEW JERSEY

Eight counties were initially declared eligible for Public Assistance in New Jersey. Two additional counties, Cumberland and Hudson, were added on November 3, 2012. On November 5, 2012, FEMA declared all remaining New Jersey counties eligible for Public Assistance.

NEW JERSEY RESPONSE ACTIONS

As of December 14, 2012, all operations by EPA in New Jersey have been completed.

Passaic Valley Sewerage Commission (PVSC): power-washing operations being conducted by EPA's ERRS contractor have been completed.

New Jersey Hazardous Waste Summary *						Operational Period: 12/14/2012		
Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (<5 gal)	Op-Period Totals	Location Cumulative Totals
Edison Staging Area**	0	0	0	0	0	0	0	56
Lakewood Staging Area**	0	0	0	0	0	0	0	247
Vineland Container Storage Facility**	0	0	0	0	0	0	0	24
Daily Total	0							
Cumulative Total	327							

* All Counts Based on Initial Intake Locations

** Staging areas are no longer collecting/managing HHW

NEW YORK RESPONSE ACTIONS

Assessment Teams NY

Two EPA assessment teams conducted reconnaissance and recovery of HHW and orphaned containers in Brooklyn, Queens, and Staten Island.

One team provided oversight and documentation of ERRS contractors collecting orphan containers and HHW items on December 13, 2012. The team completed reassessment of beaches, parks, and wooded areas, and recovered 45 empty or nearly empty containers and various other HHW. On December 14, 2012, the teams conducted HHW shoreline assessment in the areas of Richmond Terrace and Bark Street. The team then proceeded towards Bard and Richmond Avenue to continue shoreline assessment and recovery. Various hazmat and HHW was recovered from both locations.

On December 13, 2012, a second team conducted assessment and reconnaissance of the Staten Island Shoreline. The on-site ERRS crew collected various hazmat and HHW. The team continued assessment in NW Staten Island, Staten Island Botanical Garden area, discovering a large, 250-gallon metal tank. Additionally, the ERRS crew collected various HHW from Snug Harbor Rd. On December 14, 2012, HHW assessment and collection activities took place on Fire Island.

Boat Operations

An additional EPA assessment team performed reconnaissance and recovery operations by boat in the Jamaica Bay, and South Oyster Bay (Nassau County) areas.

On December 13, 2012, an EPA team responded to a subject target of an orphaned tank (EPA-T58-B-121130-001) along the shoreline. The tank was located and recovered by ERRS contractor and subsequently brought to the Riis Park HHW staging pad. Crews also conducted shoreline reconnaissance for HHW, no items were located.

As of today, all boat operations have been completed for NYC.

NYC Debris Issues

USACE continues to collect 3,000+ cubic yards of debris daily.

NY DEC was sent the Air Curtain (incineration) variance for wood / vegetative debris on December 9, 2010; the DEC does not expect to rule on the variance until at the earliest next week. NYC is not going to be issuing any variance to burn wood chips, only large un-chipped vegetative debris.

NYC Department of Buildings provided numbers for Staten Island; approximately 96 homes will be demolished and removed. For homes to be demolished, USACE will handle that work as well as property debris removal. EPA will collect and dispose of any HHW.

Brooklyn HHW Collection

Collection continued in areas including the Sea Gate community and West Coney Island, Brighton Beach, Manhattan Beach, Gerritsen Ave., Old Howard Beach, Hamilton Beach, Mill Basin, and Bergen communities on December 13, 2012. Activities are completed in these locations.

Queens HHW Collection/Jacob Riis Park

The Jacob Riis Park staging area continued to receive HHW from curbside pickup crews. EPA recovery teams continued HHW curbside collection activities in storm affected areas of northern Breezy Point, the Rockaways, and northeast Jamaica Bay.

The public HHW drop off program continues. A total of 9 trucks dropped off HHW during the operational period. The containers that were dropped off at the HHW pad were segregated by the ERRS contractor into waste streams and moved to their proper location on the pad according to the pad design.

Recovery teams continued street by street sweeps and contacting residents when available.

Staten Island HHW Collection/Fresh Kills Landfill

HHW and orphaned container staging, categorization, sampling, and packaging for off-site disposal at Fresh Kills continued. An EPA recovery team collected HHW and orphan containers throughout Staten Island. The on-site ERRS crew prepared and staged full boxes of HHW for future off-site transportation and disposal. DSNY is picking up non-hazardous trash from site activities on a daily basis for disposal at their transfer station.

The team will continue with scheduling off-site shipments of HHW/orphan container waste streams for disposal. An off-site shipment of HHW is scheduled for Monday, December 17, 2012, pending waste stream approvals. The facility, WTI of Ohio, was selected as an alternate incinerator due to compliance issues at the primary facility in Arkansas. This shipment will consist of one cubic yard boxes of various HHW waste streams.

HHW collection operations in Staten Island are completed for now.

Nassau County

EPA continued to work with NYSDEC and local officials in responding to reports of orphaned containers primarily along the waterfront in Long Beach. The on-site ERRS crew continued bulking, packaging, and disposal of materials at the Nickerson Beach pad. Segregation and containerization of all items on the pad in preparation for disposal is ongoing.

Suffolk County

An EPA assessment team conducted orphaned container recovery in the storm affected areas of Babylon, Patchogue, and Islip. The on-site RST contractor conducted documentation of PAD activities and air monitoring. During this operational period, the Oil Collection Team performed reconnaissance and HHW collection activities with an ERRS crew in Fire Island, NY. All materials recovered were transported to the Babylon staging pad. As of December 14, 2012, the Oil Collection Team has concluded all operations. No further assistance has been requested.

EPA and EPA contract personnel at the Babylon staging area continue to classify all existing materials and are actively segregating the HHW. The on-site ERRS contractors began securing the site for demobilization. HHW drop off operations at the Babylon staging area have been completed.

New York Hazardous Waste Summary *						Operational Period:		
12/14/2012								
Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (<5 gal)	Op-Period Totals	Location Cumulative Totals
Cedar Grove Staging Area**	0	0	0	0	0	0	0	284

Fr. Capadano Park, Staten Island**	0	0	0	0	0	0	0	7499
Fresh Kills Landfill Plant #1**	0	0	0	0	0	0	0	361
Fresh Kills Landfill Plant #2	2	5	10	0	0	498	515	8315
Islip Multipurpose Recycling Facility**	0	0	0	0	0	0	0	740
Jacob Riis Park, Queens, NY	5	12	2	0	0	694	713	30091
Nickerson Park	0	0	0	0	0	0	0	46090
Old Bethpage Landfill and Recycling Center**	0	0	0	0	0	0	0	5538
Patchogue WWTP**	0	0	0	0	0	0	0	565
Patchogue WWTP (Mastic Beach)**	0	0	0	0	0	0	0	1010
Riverhead Collection Area**	0	0	0	0	0	0	0	130
Port of Coeymans**	0	0	0	0	0	0	0	101
Venetian Shores Park	0	0	0	1	3	64	68	13983
Daily Total	1296							
Cumulative Total	114707							

Cumulative Hazardous Waste Summary *						Operational Period:		
12/14/2012								
Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (<5 gal)	Op-Period Totals	State Cumulative
New York	7	17	12	1	3	1256	1296	114707
New Jersey	0	0	0	0	0	0	0	327
Op-Period Totals	7	17	12	1	3	1256	1296	
Cumulative Totals	653	2671	1576	487	298	109349		
Daily Total	1296							
Grand Cumulative	115034							

* All Counts Based on Initial Intake Locations. ** Staging areas are no longer collecting/managing HHW.

REGULATED FACILITIES

EPA has completed assessments of facilities regulated under SPCC, FRP, and RMP programs. Several facilities were found to be impacted by Hurricane Sandy and have been reported previously, such as Motiva, Phillips 66 Bayway, Alden Leeds, and Kinder Morgan Carteret. These facilities are currently being addressed by state and/or federal partners and need no additional EPA assistance at this time. No other facilities were found to be impacted needing EPA assistance. No further reporting of SPCC, FRP, and RMP facilities will be done unless significant operations or actions by EPA are required or requested.

The RCRA, LQG, PCB, Pesticides, and RCRA Corrective Action Groups have completed assessments and inspections of all identified facilities within the Hurricane Sandy operational area. Any issues or violations are being addressed through normal regional operations unless specified elsewhere in the SitRep.

Underground Storage Tanks: No DECA UST personnel were in the field during this operational period. As of December 12, 2012, 586 initial UST assessments were completed; 168 facilities required follow-up assessments and/or compliance inspections and 145 follow-up assessments were performed.

Cumulative **							
	NYC	Nassau	Suffolk	Westchester	Rockland	Upstate	Total
Follow Up Universe	49	96	5	6	2	10	168
Follow-Up Assessment Performed	49	85	4	3	0	4	145
Operating							
Yes	42	49	2	2		2	97
No/Unknown	7	30	2	1		1	41
Spills							
Yes	7	6	0	0		0	13
Unknown	4	22	0	1	13	1	41
Performing Release Detection?							
Yes	41	22	3	2		3	71
No/Unknown	4	23	1	1		1	30
**Some responses became N/A during Follow up							

Air:

Summary of DECA Air personnel in field on 12/14/12: 2 air inspectors (Joe Cardile and Aisha Sexton-Sims were performing assessments of scrap yards on Long Island.

Summary of Air Facility Assessments: Up through 12/13/12:

Scrap Yards

Summary of Scrap Yard Assessments in New York:

Universe	Visited	Sites in Violation	Require Further Investigation
27	20	10	4

Sites with Follow-up Underway:

Site Name	Location
Mid Island Salvage Corp	Long Island
Willeys Point Auto Salvage Inc	Queens
Brooklyn Resource Recovery Inc	Brooklyn
Global Scrap Metal	Staten Island
John Francesco Scrap Inc.	Staten Island
J and J Recycling	Staten Island
A. Supino Inc.	Staten Island
Sims Metal East - Queens Plant	Staten Island
Gershow Recycling of Brooklyn	Brooklyn

Enforcement Order Issued to:

Site Name	Location
SIMS Bronx Metal Recycling	Bronx

CAA Major and SM80s**Summary of CAA Major/SM80 Assessments in New York:**

Universe	Visited	Require Further Investigation
145	136	0

2.2 Planning Section**PLANNING**

As operations fold into a project management approach, the Planning Sections continued to prepare to meet operational goals. Long-term planning goals and management of personnel continue to be developed and executed. The Resource Unit has been working with out-of-region EPA personnel to maintain operational position ownership and project out the need to continue or discontinue services.

The Documentation Unit has been stood up and is fully operational. A document recording scheme has been developed and adapted by Incident Management Team and participating personnel. Shared drives have been provided to place documents and maintain an electronic file system.

The Situation Unit continued to maintain operational awareness of activities in New Jersey (limited) and New York. Situation Reports continue to be developed based on Operational Status Reports generated by field personnel. The Data/GIS team continued to develop maps for recovery crews in New York operational areas. The use of FlexViewer continues to provide a Common Operational Picture and is displayed in the Situation Area of the REOC.

The Environmental Unit:

1. Floyd Bennet Field

The Environmental Unit completed its evaluation of the validated results of the air sampling data on dioxins, PAHs, VOCs, and metals from samples collected before and during test burn activities in late November. This evaluation was conducted in coordination with the Regional risk assessors and Air Programs Branch. An evaluation package describing was delivered to PIO on Fri, Dec 14 and was sent to Headquarters for review prior to messaging and posting on the website. Messaging will be coordinated with PIO and Air Programs Branch.

2. Demolition Activities

The draft air monitoring/sampling QAPP for potential demolition activities, such as the demolition of private property in NYC has been reviewed. The request for EPA support on the demolition activities has been rescinded and there is no current need anticipated. However, the decision was made to revise and finalize the QAPP so that if the request for support is made in the future, the Environmental Unit will be at the ready with a QAPP that can meet the needs, or be quickly modified to satisfy the request.

2.3 Logistics Section

The logistic section continues to monitor lodging and GSA vehicle needs.

2.4 Finance Section

EPA continues to track costs and monitor funding levels against FEMA Mission Assignments. Current Mission Assignments and Estimated Expenditures and Daily Cost Burn as of 12/14/2012 @ 1330 hours;

Region, State	Agreement #, Current Expiration	Initial Agreement Date	Agreement Amount	Costs Incurred To Date	Estimated Burn Rate (\$/day)	Purpose
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	Date					
Region 2, New Jersey	4086DR-NJ-EPA-01 Expires 12/13/12	10/31/12	\$400,000.00	\$316,455.46	\$7,192.17	ESF-10 REOC deployment and assessment assistance in NJ
Region 2, New Jersey	4086DR-NJ-EPA-02 Expired 12/10/12	11/02/12	\$1,303,000.00	\$299,677.59	\$7,135.18	Drinking & Wastewater Assistance
Region 2, New Jersey	4086DR-NJ-EPA-03 Expired 12/10/12	11/04/12	\$1,152,000.00	\$323,469.75	\$8,086.74	Technical Assistance for Environmental Assessments
Region 2 New Jersey	4086DR-NJ-EPA-04 Expires 03/02/13	11/03/12	\$3,500,000.00	\$1,410,125.32	\$34,393.30	Direct Federal Assistance for oil/hazmat field ops
Region 2 New Jersey	4086DR-NJ-EPA-05 Expired 12/08/12	11/08/12	\$1,275,000.00	\$974,752.34	\$27,076.45	REOC
Region 2 New York	4085DR-NY-EPA-01 Expired 12/01/12	11/02/12	\$300,000.00	\$45,417.00	\$1,081.36	Drinking & Wastewater Assistance
Region 2 New York	4085DR-NY-EPA-02 Expires 12/30/12	11/04/12	\$3,650,000.00	\$2,184,634.73	\$54,615.87	ESF-10 REOC deployment and assessment assistance in NY
Region 2 New York	4085DR-NY-EPA-03 Expires 12/31/12	11/07/12	\$8,850,000.00	\$4,792,015.83	\$129,513.94	Direct Federal Assistance for oil/hazmat field ops
Region 2 New York	4085DR-NY-EPA-04 Expires 12/31/12	11/07/12	\$3,100,000.00	\$817,782.63	\$22,102.23	Technical Assistance for Environmental Assessments
Region 2 New York	4085DR-NY-EPA-05 Expired 12/05/12	11/09/12	\$75,000.00	\$996.00	\$28.46	Dewatering Ops
TOTALS			\$23,610,000.00	\$11,172,342.47	\$232,757.13	

2.5 Other Command Staff

2.5.1 Safety Officer

Safety officers visited the HHW curbside collection activities in Breezy Point, NY. Additionally, Safety Officers accompanied the HHW curbside collection in Brooklyn and Spring Creek Park, NY.

2.5.2 Liaison Officer

EPA is continuing to monitor the progress of the outstanding Mission Assignments with FEMA. This included the attendance of associated meetings as deemed appropriate. During the next operational period, EPA will continue to staff the ESF-10 desk at the NYS/FEMA EOC and NJS/FEMA EOC.

2.5.3 Information Officer

The PIO is Pat Seppi and can be reached at 646.369.0068.

CICs traveled to Staten Island on Thursday and to the Rockaway's on Friday to visit disaster relief centers and replenish flyers.

Media inquiries included Newsday regarding the Brookhaven air curtain and a request from the Associated Press about Brownfield's sites related to Hurricane Sandy.

EPA received an inquiry from Sen. Schumer's office related to the issue of possible asbestos contaminated debris piles in upstate NY; this issue was related to last year's Hurricane Irene.

3. Participating Entities

3.1 Unified Command

As of close of business November 28, 2012, EPA is no longer participating in the established Unified Command with the United States Coast Guard Sector New York.

3.2 Cooperating Agencies

EPA is coordinating with a host of agencies on numerous efforts to assess, respond, recover, and mitigate environmental threats caused by Hurricane Sandy. Federal partners include FEMA, Army Corp. of Engineers, USCG, and others. State agencies that EPA is coordinating efforts with include Departments of Health, Transportation, Sanitation, Parks, NYSDEC, NJDEP, Emergency Management, and others. County and local officials are also integrated in decision making and tactical assessments of situations.

4. Personnel On Site

Region/State	Current EPA Personnel In Field (All Venues other than EPA Offices)	Current EPA Contractor Personnel In Field	EPA Personnel in REOC	Contractor Personnel in REOC	Total
Region 2			28	27	55
New York	12	94			106
New Jersey	2	12			14
Total	14	106	28	27	175

Number of EPA Personnel Deployed to Region 2 – Hurricane Sandy (12/14/12)

	OSCs	RMs	PIOs	Water Specialists	GIS Specialists	RPMs	CICs	Other (field capable)	Other (not field capable)	Total by Region
Region 1	0	0	0	0	0	0	0	0	0	0
Region 3	2	0	0	0	1	0	0	1	1	5
Region 4	0	0	0	0	0	0	0	0	0	0
Region 5	2	0	0	0	0	0	0	0	0	2
Region 6	2	0	0	0	0	0	0	0	0	2
Region 7	0	0	0	0	0	0	0	0	0	0
Region 8	0	0	0	0	0	0	0	0	0	0
Region 9	0	0	0	0	0	0	0	1	0	1
Region 10	0	0	0	0	0	0	0	0	0	0
HQ	0	0	0	0	0	0	0	0	0	0
ERT	0	0	0	0	1	0	0	2	0	3
CMAT	0	0	0	0	0	0	0	0	0	0
Total by job title	6	0	0	0	2	0	0	4	1	13

5. Definition of Terms

Assisting and Cooperating Agencies - Agencies who are assisting the EPA response, but are not a part of Unified Command.

E Goods - Electronic machines which contain hazardous components. Emergency Response - any activity undertaken by the Operations Section which mitigated an immediate threat to human health or the environment.

FRP - Facility Response Plan. Under the Clean Water Act, as amended by the Oil Pollution Act, a plan for responding, to the maximum extent practicable, to a worst case discharge, and to a substantial threat of such a discharge, of oil. Required by certain facilities that store and use large quantities of oil.

Household Hazardous Waste - Small quantity waste from households that contain corrosive, toxic, ignitable, or reactive ingredients is hazardous. This includes pesticides, paint, solvents, etc.

Hazardous Debris - Debris which contains compounds that make it inappropriate for municipal landfill disposal

Monitoring - Using equipment which will give limited real-time information about constituents in environmental media. This method is used most often for air and water testing.

RCRA - Resource Conservation and Recovery Act.

RMP- Risk Management Plan. Under the Clean Air Act, certain facilities with large quantities of toxic potentially air born chemicals whose releases may impact human populations are required to submit to EPA a plan for hazard assessment, prevention, and emergency response.

Sampling -The process of taking environmental media for analysis at a laboratory of its constituents. These tests may require multiple days to complete, but test for a wider array of constituents than monitors.

Small Container - any container with a potential capacity of less than 5 gallons.

TRI - Toxic Release Inventory - A publicly available EPA database that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990.

Unified Command - A structure based on the Incident Command System (ICS) that brings together the Incident Commanders of all major organizations involved in the incident in order to coordinate an effective response, while at the same time allowing each to carry out their own jurisdictional, legal, and functional responsibilities.

White Goods - Large home electronics such as refrigerators, washing machines, and dryers.

WW - Wastewater Treatment Facilities

6. Additional sources of information

It is believed that all community drinking water and wastewater treatment system assessments have been completed. Therefore, these data will no longer be reported.

Recovery Support Function Coordination

Steve Touw has been designated as the Recovery Coordinator for the region's transition from Response to Recovery for Hurricane Sandy. In this role, he will serve as a conduit between the FEMA Federal Disaster Recovery Coordinator and Officer and the Recovery Support Function (RSF) Field Coordinators at the NJ and NY

JFO's, and the EPA Regional staff who will be assigned to the respective RSFs. Under the National Disaster Recovery Framework (NDRF), there are six RSFs: Community Planning and Capacity Building, Economic Recovery, Health and Social Services, Housing, Infrastructure Systems, and Natural and Cultural Resources.

To date, the Recovery Coordinator and the ESF-10 reps at the JFO's have established initial contacts with the FDRC and FDRO for NJ; the RSF Field Coordinators for Housing and Infrastructure Support in NJ; and the RSF Field Coordinators for Infrastructure and Natural and Cultural Resources in NY.

On 11/29, the Recovery Coordinator, along with representatives from the Clean Water Division, participated on a conference call for the NJ Infrastructure Systems RSF. On the call, it was mentioned that for the first time, FEMA Mitigation Assessment Teams will include wastewater treatment plants in their assessment activities.

On 12/4, the Recovery Coordinator and ESF-10 rep attended the kick-off meeting for the Housing RSF at the NJ JFO. While the primary focus of this meeting was on immediate, short-term housing issues, the FDRC did comment that throughout the recovery process, they will be looking across the spectrum of all the RSFs for opportunities for smart growth, sustainability, and disaster-resistant communities.

Efforts will continue to establish contacts with the remaining RSF Field Coordinators, and to ensure a seamless transition from EPA's response activities to recovery initiatives.

WEBSITE: <http://www.epaosc.org/HurricaneSandy>

INSTRUCTIONS FOR EPAOSC.NET

If you do not have a password or have never used the EPAOSC.net website before, you will need to click the login button on the top right of the web page. Once on the login page, you will need to click on REGISTER HERE, provide the information requested and submit. This submits your request to ERT, and they will generate a user ID and password for you to enter the private side of the Website. In less than 10 minutes after registering, you should receive an e-mail from ERT SUPPORT providing the information (login and password). At this point you can then enter the website: www.epaosc.net, click on log in, then enter your information. Once logged in, click on websites, then click on Region 2. The Hurricane Irene website should be one of the first ten websites that pop up, if not, you can scroll down to find the site. Click on Hurricane Sandy. Once on the site, you can navigate to the documents that will be stored there.

FlexViewer :

WEBSITE: http://www.epa.gov/geospatial/ermaps/Region2_HurricaneSandy/

The EPA Region 2 Common Operating Picture is now available on FlexViewer. This interactive display is constant being updated with various information pertaining to assessments, resource locations, EOC locations, status of remedial/removal sites, water treatment facility locations, and many other. Individuals located within the EPA network may view the display and create their own maps, however the COP located in the Situation Unit adjusts to the needs of the operations.

If you find that you are having trouble viewing the website, please contact the EPA duty officer at (732) 906-6850

EPA Edison REOC

732-906-6850

Afterhours Notifications, National Response Center (NRC)	800-424-8802
Deputy Regional Incident Coordinator (DRIC) for NY, Neil Norrell	908-420-4512
Deputy Regional Incident Coordinator (DRIC) for NY, Bonnie Hriczko	908-420-4450
Deputy Regional Incident Coordinator (DRIC) for NJ, Christopher Jimenez	908-420-4484
Deputy Regional Incident Coordinator (DRIC) for NJ, Kelli Lucarino	908-421-2628
NY JFO (Queens), Ellen Banner, OSC	908-420-4462

NJ JFO (Middletown), Carl Pellegrino, OSC	908-420-4462
Recovery Support Function Coordinator, Steve Touw	908-420-4458

REPORTING SCHEDULE

Situation Reports are due out at 2300 hrs at the conclusion of that operational period.

Beginning December 14, 2012 Situation Reports will be generated every Friday.

7. Situational Reference Materials

Situation Reports for response activities in New Jersey and New York associated with Hurricane Sandy can be found at www.epaosc.org/HurricaneSandy.